## ISSUE SLIP STAPLE AREA (for additional cross references)

POSITION	INITIALS	ID NO.	DATE
FEE DETERMINATION			
O.I.P.E. CLASSIFIER			<u> </u>
FORMALITY REVIEW			<u> </u>
RESPONSE FORMALITY REVIEW			

## **INDEX OF CLAIMS**

Rejected	N Non-elected
=Allowed	IInterference
(Through numeral) Canceled	A Appeal
· Restricted	O Objected

								•	÷		•••	•••	•••	•••	•••	•••	•••	•••	
<u> </u>			_	_	_			_		_		_			_		_	_	
Clai	im		_	_,	_	_		ַ	a	te	_	_		_	_	_	_	_	
	-B	3	1			١		1		١					١		١		
Final	riginal	多以	l			١		1		l		ı			1				
亡	$oldsymbol{\circ}$	27		4		1	_	1		ļ	_	ŀ	_	L	4		Ļ	_	l
نــا	$\forall$	<u>~</u>	l	$\Box$	_	1		ļ.	_	ļ		Ļ	لــــــــــــــــــــــــــــــــــــــ	_	4	_	Ļ	_	
		·/		_	_	1	_	1	_	ļ	_	Ļ	_	L	4		╀	_	l
Ш	3	0	L	١		1		1	_	ļ	_	L		L	4		╀	_	1
	4	0	L		_	1		1	_	1		ļ		L	4	_	1	_	l
Ш	5	~	L			1		1		1	_	1	_	L	4		╀		l
Ш	6	1	Ļ		L	4	_	1	_	4		1	_	L	4	_	1	_	ł
Ц	7	Ц	Ļ	_	L	4	_	4	_	4	_	1	_	L	-		+		ł
$\square$	8	1	1		L	4	_	4	_	4	_	+		L	-		╀		ł
Ш	9	-	Ļ	_	L	4		4	_	4		+		-	4		+	_	1
L	10		1	_	L	4	٠.	4	_	4	_	+	_	L	4		+	_	1
	11	╆	1	_	L	4	_	4	_	4	_	4	_	┞	4	_	+	_	1
Ľ	<b>Q</b> 2	V	4	_	Ļ.	4		4		4		+	_	╀	4	_	+		1
L	13	-	+	_	Ľ	4	_	4	_	4	_	+		╀	4	_	+		┨
$\vdash$	14		4	_	┡	_	-	4		4	_	+	_	╀	_	H	+	_	1
<u>_</u>	15	-	1	_	╀	_	L	4		4	_	+	_	╀	-	⊦	+	_	┨
<u> </u>	16		4	_	╀	_	H	4	_	4	_	+	_	╀	_	⊦	+	_	1
<b> </b> -	17 18		+	_	╀	_	┞	4		4	<u> </u>	+	_	╁	_	H	+	_	┨
1	>-	4	+	_	╀	_	┞	4	_	4	_	+	_	+	_	┞	+		┪
<b> </b>	19		4		╀		┞	4	_	-	_	4		╀	_	┝	+	_	┨
≥↓	20		1	_	1	_	Ļ	_	L	_	L	4		╀		┞	$\dashv$	_	┨
$\vdash$	21		4		+		Ļ	_	_	_	H	4	_	╀		╀	4		4
-	22	_	4	_	+	_	Ļ	_	L	_	┝	4	_	╁		╀	-	_	4
$\vdash$	2:	-	4	_	+		╀	_	L		-	4	_	+	_	ł	-	-	4
$\vdash$	2	-	-	_	+		╀	_	H		┞	_	H	+	_	╀	_		4
	2	+-	4	_	╁	_	╀	_	┞	_	╀	_	┝	+	_	+	-	_	ᅱ
$\vdash$	20	-+-	4	-	+	_	╁		╁		╁		H	+	-	t	-	H	
$\vdash$	2	-	-		+	_	+		H	-	╀	-	┝	+	-	+	_	H	-
$\vdash$	21		-	_	+	_	+		╁		╁	_	┝	+		t		H	_
-	-	-	_	-	+	_	+	-	t		╁	_	┝	+	_	+	_	H	-
$\vdash$	3		_	-	+	-	+		ł	_	╁		╁	+	_	$^{+}$		۲	_
H	3		-	H	+		+		t	_	$^{\dagger}$	-	H	+		+	_	+	-
$\vdash$		3		$\vdash$	+	_	+		+	-	t	-	t	1	_	+		t	-
$\vdash$	3		_	-	+	_	+	-	$^{+}$		+		t	٦	-	+	_	t	
$\vdash$	7 3	_	_	H	+		+	_	+	-	$^{+}$		t	+		†	_	t	_
-		6	_	$\vdash$	+	-	+	-	+		+	_	t	H	_	1		t	
$\vdash$		7		╁╴	+		+	_	†		t		t		_	1	_	t	
H		8		╁	┪	_	1	_	†	_	t		t		_	1	_	t	
$\vdash$		19		t	+		1	_	†	_	†		t	_	۲	1	_	t	_
$\vdash$	-	10	-	╁	+	_	1	_	+	_	†		t	-	Г	1		†	_
H		11		+	-		$\dashv$	_	+		+		t		H	٦	_	†	
-				╀	4	_	4	_	-	-	+	_	+	_	1	┨	_	+	_
-		13		+	4	_	-	_	+		+		+		┢	7	_	†	
-		-		+	_	┝	-	$\vdash$	-	_	+		+		+	-	-	+	-
-		44 45	_	+	_	┝		ļ-	-	_	-	_	+		<del> </del> -		-	+	
-		$\overline{}$	_	+	_	$\vdash$	_	$\vdash$	-	-	+	_	+	_	۲	-	-	+	_
- }-		46	-	+	i	-	_	H	-	H	-	-	+	-	t		H	+	-
ŀ	_	47 48	-	+	. <u> </u>	┞	_	H	4	H	-	-	+		╁		$\vdash$	+	-
H		48 49	H	┧	_	H	_	$\vdash$		H	-	H	+	_	t		۲	1	_
-		50	⊢	t	_	t	_	۲	-	-	_	H	+	_	t		۲	1	

Cla	Claim Date										1							
Final	Original																	
	51	Г	Γ			T		Ī	1						L	_		]
	52		T			T		Γ	٦									
	53	Г	Τ			1		Γ	7		٦		Т			1		
-	54	Н	t		╌	1	_	T	T		┪		1		Γ	٦		1
Г	55	Г	T		Г	1		T			7	Γ	٦		Γ			]
$\vdash$	56	-	t	_		1		T		Г		Г	٦		Τ			1
$\vdash$	57	╁╴	t	_		t		T		Г	_	Г	٦		T		_	7
-	58	H	t		┪	1	_	Ť	_	Г		Г	7	_	T			1
-	59	<b>↓</b> —	t	_	Т	1		T		Г	٦	Γ			T			1
	60		t		T	1		T	_	Г		T			T		Г	1
$\vdash$	61		t	_	t	7		t		┢		T			T	_	Γ	1
$\vdash$	62		t	_	t	_	Г	t		T		T		_	Ť	_	Τ	1
$\vdash$	63	_	t	_	۲	T	r	†	_	t	_	t			T		Γ	1
$\vdash$	64	╌	╁	_	t	_	$\vdash$	t		t		t		Т	t		İΤ	٦
-	65	-	†		╁╴	_	┝	t	_	t	_	t		1	t	_	T	1
$\vdash$	66	_	+		╁	_	-	t	_	t	_	t		-	1		Т	1
$\vdash$	67	-	╁	_	۲	-	H	†		t		t			†		Τ	1
$\vdash$	68	_	+	-	۲	_	╁	+	_	t	_	t		H	†		T	1
-	69		╁	-	╁	-	H	+		t		t	_	H	+		╁╴	┪
$\vdash$		→-	+	_	╁		⊢	+		t	-	t		┢	+	_	t	┨
1	70	_	4		+	_	╀	4	_	+		╀	_	┞	+		╁	Ⅎ
$\perp$	7		4		+	_	┼-	4		+	_	+	_	╁	+		╀	$\dashv$
<u> </u>	72		4		+	_	╀	4		+		+	_	╀	4		╀	$\dashv$
$\perp$	7:	_	4		+		╀-	4		+	_	+		╀	4		╀	4
<u> </u>	7.		4		1		1-	4		4	_	4	_	1	4	_	╀	4
$\perp$	7			_	1		╀	4	_	4		4	_	╀	4	_	+	4
$\perp$	70				1		1	4		4	_	4		╀	4	_	+	4
L	7				4	_	╀	4		4	_	4	_	1-		_	+	4
L	7			L	1		1	_	_	4	_	4		╀		_	+	4
L	-	9		L	4		1	4		4		4		4-		L	+	4
L		0		L	1	_	ļ		L	4	_	4		1	_	L	4	4
L		31		L	1	_	ļ		L	4		4	_	1	_	L	4	_
L		2		L	_		1		L	_	L	_	_	4		L	+	_
L		3	_	L	┙		$\perp$	_	L	_	L	_	_	1	_	L	4	_
L		4	_	L	1		_	_	L	_				1		L	4	_
		35		L	_	_	1	_	L	_	L		L	1	_	L	4	4
L		6	_	L			1		L		L	_	L	4		L	4	4
L		37		L	_		_	_	L		L		L	1		L	4	_
L		38	_	L			_ _		L		L		L	1		L	4	
	18	39	_	L			1	_	L	_	L	_	L	1	_	Ļ	4	_
Γ	- (	90		1	- 1									┙		L		
	9	91		Ţ	٦		T		Γ	_	ľ	_				l		
ı	- 1	92		Ť	-	Г	7		T		Γ	_	Γ	T		Τ	$\Box$	
T		93	_	T		Γ	$\neg$		Ī			_	Γ	T		Ι		
ı		94	_	T		Ī	7	_	T		Γ		Γ			T		
-		95	_	t		-	1		1		T		i	1		Ī		_
h		96		†		Ī	T	_	t	_	T		T	İ		T	_	
i		97		Ť		T	7		T	Ī	T		T	1		İ		
ı		98	_	1		T	1		T		Ť	_	T	1	_	Ī		
ŀ		99		Ť		t	ij		T	_	Ť		Ť	7	_	Ţ		
ŀ	_ }	100		1	_	1		_	Ī	_	į		1	_		:	_	
_		_	_	_	_	_	_											

Cla	im [			-		-		Da	ite			_				
J.0	$\Box$	_	_	Т		Г	٦		T		Г	Т		1	T	$\exists$
Final	Original															
-	-	-	-	+	_	H	+		+	-	Н	+		t	†	$\dashv$
	101 102		-	+		$\vdash$	-		+	-	$\vdash$	+	-	۲	+	$\dashv$
		_	_	+		┝	-	_	+		┝	+	-	╁	+	$\dashv$
_	103		_	4		H	4	_	+	_	-	4		1	+	-
_	104		L	+		╀	4	_	+	_	┝	┨		╁	+	-
_	105	<u> </u>	$\vdash$	4		╀	_	$\vdash$	+	_	$\vdash$	4		+	+	_
	106	_	L	4	_	Ļ	_	L	4		┞	4	_	1	-	
_	107	_	-	4	_	1	_	$\vdash$	4		╀	-		t	4	_
_	108	Ļ-	L	4		╀		L	+		╀	4	_	+	+	
<u> </u>	109	$\vdash$	1	4	_	+	_	$\vdash$	4		+	-	_	+	-	
L	110	_	L	4		1	_	L	4	_	+	_	_	╀	-	
$\vdash$	111		L			1		1	4	_	╀	_	_	+	4	
_	112		1	4	_	+	_	L	4	_	+	_	_	+	_	_
L	113	-	L	_	L	1		L	4	_	1	_	L	+	4	
L	114		Ļ		L	1	_	L	_		1	_	L	1	_	_
L	115	-	L		L	1		Ļ	_		1		L	+		_
L	116	+	L		L	1		L		_	1	_	L	4		_
Ĺ	117		1		L	1	_	L	۲		ļ		_	1		$\vdash$
	118	3	Ĺ	_	L	1		L		_	1		L	1	_	<u> </u>
Г	119	)	Γ					L	_	L	1		L	1	_	L
Г	120		Τ		Γ			Ī					1	١		١
۲	12	-	†		1	1	_	T	_	Γ	1	_	Τ	1	_	Г
-	122		†		T	7	_	1	_	Γ	†		T		_	Γ
$\vdash$	12		+		t	+	_	T	_	Т	1	_	T	+		T
$\vdash$	12	_	$^{\dagger}$	_	t	1	_	+	_	T	†		T	1		
-	12	_	+		+	٦		†		T	7		+	7	_	+
$\vdash$	12		t	_	$^{+}$	1	_	$^{+}$	_	t	+	_	i	-		i
$\vdash$	12		+		╁	1	-	+		t	+		t	┪	_	+
-	12		+		+	+		+	_	t	7		t	7	_	T
$\vdash$	12		$\dashv$	_	t	+	-	+		t	1		t	┪	_	†
-	13	_	+		╁	-	┝	+	_	t	-1	_	$\dagger$	-	_	十
$\vdash$			+		+	-	-	+	-	$^{+}$	1	-	$^{\dagger}$	-	-	+
-	13		+		+	-	-	+		+	$\dashv$	_	+		-	+
-	13	_	-		+	-	-	+	_	+	-	_	+		H	十
-	13		4	_	+		⊢	+	_	$^{+}$	ᅱ	-	+		-	+
-		_	4	_	+		-	+	_	+	-	H	+	_	-	+
+	10	55 56	4		+		$\vdash$	4		+	_	$\vdash$	+	-	-	+
F			4		+		┞	4	_	╀	-	$\vdash$	+		_	+
L		37	4	_	+		┞	-	_	+	_	$\vdash$	+	_	┞	+
-		8	4	L	+		1	4	_	+	_	ļ.	+		┞	+
Ļ	_	39	_	_	4		┞	4		+	_	L	4		H	
L		10		L	1	_	L	_	_	ļ.	_	L	4		Ļ	1
1		41		L			1	_		1	_	L	1	_		٠,
Γ	1.	42			I				L			L	i			
ſ	1	43			_[							L	.1			
T	1	44	_	Γ	T		T			T	_	Ī	_	_	<u> </u>	
T		45	_	Ī	1	_	ţ	_	-							
t		46	_	İ	Ť		Ť		,			ì	-	Ξ	_	
t		47		Ť	i	_	i	_	•		_	,			_	
-		48		-	-;	_	:	_		1	_	1	- :	_	-	_
ŗ		49	_	_					-	-:	_	-				_
i		50t	_	_	_			_	<del></del>				_	_		_
_			_							_		_	_	_	_	

If more than 150 claims or 10 actions staple additional sheet here